

INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small>					Docket Number (Optional) 15689.61		Application Number 09/701,705	
					Applicant(s) Yukihiko Okumura et al.		Filing Date December 1, 2000	
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
QG	1	5,737,327	4/7/1998	Ling et al.	370	335	3/29/1996	
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
QG	2	EP 0 715 440 A1	6/5/1996	Europe	H04L27	22	YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
QG	3	CHANNEL ESTIMATION FILTER USING TIME-MULTIPLEXED PILOT CHANNEL FOR COHERENT RAKE COMBINING IN DS-CDMA MOBILE RADIO Hidehiro Andoh, Mamoru Sawahashi, and Fumiaki Adachi July 1998						
EXAMINER				DATE CONSIDERED				
				8/22/05				

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				Applicant(s) Yukihiko Okumura et al.		Filing Date December 1, 2000		Group Art Unit 2661
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REP	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
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FOREIGN PATENT DOCUMENTS								
	REP	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
QG	1	09008770A	1/10/1997	Japan	H04J13	04	✓	
QG	2	10051424A	2/20/1998	Japan	H04J13	04	✓	
QG	3	11284990A	10/15/1999	Japan	H04N7	18	✓	
QG	4	11186990A	7/9/1999	Japan	A04J13	04	✓	
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
		DS-CDMA; The Performance of Channel Estimation Method Using Adaptive Weighted Multi-Symbol Averaging (WMSA) with Pilot Channel in DS-CDMA Sadayuki Abeta, Mamoru Sawahashi, Fumiaki Adachi NTT Mobile Communication Network Inc. page 67 to 79; April, 1998						

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

8/30/05

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Atty. Docket no.: 3815/107	Application serial no.: 09/701,705
		Applicants: OKUMURA, et al.	RECEIVED
		Filing Date: Dec. 1, 2000	Group Art Unit: 266 JUN 1 2001



U.S. PATENT DOCUMENTS

Exam. Init.	Cite No.	Document Number	Date	Name	Class	Subclass
						RECEIVED

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Exam. Init.		Document Number	Date	Country	Class	Translation
Q5	1	PCT/JP98/05241 (WO 99/27672)	June 3, 1999	PCT		
Q5	2	PCT/JP98/05727 (WO 99/31835)	June 24, 1999	PCT		
Q5	3	PCT/JP99/02154 (WO 99/55033)	Oct. 28, 1999	PCT		

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

EXAM. INIT.	CITE NO.	
Q5	1	Seiichi Sampei And Terumi Sunaga, "Rayleigh Fading Compensation For QAM In Land Mobile Radio Communications," IEEE Trans. Vehicular Technol., Vol. 42, No. 2, pp. 137-147, May 1993
Q5	2	Seiichi Sampei, "Rayleigh Fading Compensation Method For 16 QAM MODEM In Digital Land Mobile Radio Systems," IEICE (Sect. B-II), Vol. J72-B-II, No. 1, pp. 7-15, January 1989
Q9	3	Hidehiro Andoh, et al., "Channel Estimation Filter Using Time-Multiplexed Pilot Channel For Coherent RAKE Combining in DS-CDMA Mobile Radio," IEICE Trans. Commun., Vol. E81-B, No. 7, pp. 1517-1526, July 1998
G7	4	H. Andoh, et al., "Performance of Pilot Symbols-Assisted Coherent RAKE Receiver Using Weighted Multi-Slot Averaging for DS-CDMA Mobile Radio," Technical Report of IEICE. RCS97-74, pp. 63-68, July 1997



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QG	5	Sadayuki Abeta, et al., "Performance Comparison Between Time-Multiplexed Pilot Channel and Parallel Pilot Channel for Coherent Rake Combining in DS-CDMA Mobile Radio," IEICE Trans. Commun., Vol. E81-B, No. 7, pp. 1417-1425, July 1998
QG	6	Sadayuki Abeta, et al., "The Performance of Channel Estimation Method Using Weighted Multi-Symbol Averaging (WMSA) with Pilot Channel in DS-CDMA," Technical Report of IEICE. RCS97-163, pp. 43-50, November, 1997
QG	7	Sadayuki Abeta, et al., "DS/CDMA Coherent Detection System with a Suppressed Pilot Channel," IEEE GLOBECOM '94, pp. 1622-1626, 1994, Vol 3, 28 Nov - 2 Dec 1994
QG	8	Sadayuki Abeta, et al., "A Coherent Detection System With A Suppressed Pilot Channel For DS/CDMA Systems," IEICE (Sect. B-II), Vol. J77-B-II, No. 11, pp. 641-648, November 1994
QG	9	Sadayuki Abeta, et al., "Adaptive Channel Estimation for Coherent DS-CDMA Mobile Radio Using Time-Multiplexed Pilot and Parallel Pilot Structures," IEICE Trans. Commun., Vol. E82-B, No. 9, pp. 1505-1513, September 1999
QG	10	Sadayuki Abeta et al., "The Performance of Channel Estimation Method Using Adaptive Weighted Multi-Symbol Averaging (WMSA) with Pilot Channel in DS-CDMA," Technical Report of IEICE. SSE98-20 (RCS98-20) pp. 67-74, April, 1998

Examiner:

Date considered: 8/22/05

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